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RULE 63 (37 C.F. TORNEY DECLARATION AND POWE. TORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PM & S FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED
Reception method and receiver the specification of which (CHECK applicable BOX(ES)) → A. ☐ is attached hereto. ⇒ C. \(\times\) was filed as PCT International Application No. PCT/FI98 / (able to U.S. or PCT application) BOX(ES) → B. was filed on 100548 and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application: **PRIOR FOREIGN APPLICATION(S)** Date first Laid-**Date Patented Priority Claimed Number** Country Day/MONTH/Year Filed open or Published or Granted Yes <u>No</u> X 972704 23 June 1997 Finland I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application: PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) **Status** Priority Claimed Application No. (series code/serial no.) Day/MONTH/Year Filed pending, abandoned, patented Yes No hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and figurther that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary. Paul N. Kokulis 16773 Dale S. Lazar 28872 Mark G. Paulson Michael R. Dzwonczyk 30793 Raymond F. Lippitt 36787 Paul E. White, Jr. 17519 32011 Stephen C. Glazier 31361 W. Patrick Bengtsson 32456 G. Lloyd Knight Glenn J. Perry Paul F. McQuade 17698 28458 31542 Jack S. Barufka 37087 Carl G. Love 18781 Kendrew H. Colton 30368 Ruth N. Morduch 31044 Adam R. Hess 41835 Kevin E. Joyce 20508 G. Paul Edgell 24238 Richard H. Zaitlen 27248 35861 George M. Sirilla 18221 Lynn E. Eccleston Roger R. Wise 31204 Donald J. Bird 25323 Timothy J. Klima Jay M. Finkelstein 34852 21082 Peter W. Gowdey David A. Jakopin 32995 Anita M. Kirkpatrick 32617 , 7 (1) INVENTOR'S SIGNATURE: 17.12.1999 HOTTINEN First Middle Initial **Family Name** Residence Es<u>poo</u> Finland FIX Finland State/Foreign Country Country of Citizenship 30,FIN-02320 Espoo, Post Office Address 4 0 Ristiniementie Finland (include Zip Code) (2) INVENTOR'S SIGNATURE: 3-12-1999 Date: LILLEBERG Jφxma First Middle Initial Family Name Residence 0u1u Finland FIX Finland City State/Foreign Country Country of Cittzenship Post Office Address Mustaherukkatie Α, FIN-90800 Oulu, Finland

(FOR ADDITIONAL INVENTORS, check box ☒ to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)





DECLARATION AND POWER OF ATTORNEY (continued) ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNAT	TURE:	Tordala	Date:	4.1.2000
\-,	Antti		7	TOSKALA
	First	Middle Initial		Family Name
Residence	Helsinki		FIX	Finland
	City			Country of Citizenship
Post Office Address	Katajahari	untie 4 C 48, FI	N-00200 Helsi	nki, Finland
(include Zip Code)	Kata ana	<u> </u>		
(mondae Zip Godo)		_		
(4) INVENTOR'S SIGNAT	TURE: Claur	Mestra	Date:	4.1.2000
``	Harri		I	HOLMA
	First	Middle Initial		Family Name
Residence	Espoo	Finland	FIX	Finland
	City	State/Fo	eign Country	Country of Citizenship
Post Office Address	Itätuulenk	uja 1 B 32, FIN-	02100 Espoo,	Finland
(include Zip Code)				
(5) INVENTOR'S SIGNAT	rure:		Date:	
	First	Middle Initial		Family Name
Residence				
	City	State/Fo	eign Country	Country of Citizenship
Post Office Address				
(include Zip Code)				
(6) INVENTOR'S SIGNA	TURE:		Date:	,
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	First	Middle Initial		Family Name
Residence				
	City	State/Fo	reign Country	Country of Cittzenship
Post Office Address				
(include Zip Code)				
			Deter	
(7) INVENTOR'S SIGNA	TURE:		Date:	
The Control of the Author But to Color William Section 5		ent conservation of the conservations		Family Name
	First	Middle Initial		Family Name
Residence	de limber group i selving it som stepane i som disente i selving i tip	eutóriz edu valu entendidá tumba atendra (n. a. d.).	ant some light removal to the legislation will rectine	er a une garque messe la el tel 2 des les la gracia de la relación de la relación de la colonia. El callegador
	City	State/Fo	reign Country	Country of Citizenship
Post Office Address			·	
(include Zip Code)				
(a) INVENTABIO CIONA	TI IDE.		Date:	
(8) INVENTOR'S SIGNA	IORE:		Date.	
				Family Name
	FISC STREET	Middle Initial (1996)		Ass. Family Name 2. Sec. 1997.
Residence				
	City	State/Fo	reign Country	Country of Citizenship
Post Office Address				
(include Zip Code)				
(0) INVENTORIS SICNA	TI IDE:		Date:	
(9) INVENTOR'S SIGNA	IUNE:	 	Date.	
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	First	Middle Initial	后,"这种"的一种主义的	Family Name
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	City	State/Fo	reign Country	Country of Citizenship
Post Office Address				
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BOX ASSIGNMENTS					DO NOT USE	FOR TRADEMAR		
RECORDATION FORM COVER SHEET PATENT APPLICATIONS & PATENTS ONLY								
TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.								
			VISUR COPY	IHEKE	Or.			
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. Ari HOTTINEN 2. Jorma LILLEBERG								
3. Antti TOSKALA		4. Harri HOLMA						
5.	6.							
7.								
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐YES ☑NO								
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:								
NAME: NOKIA NETWORKS OY								
ADDRESS: Keilalahdentie 4, Fl	ADDRESS: Keilalahdentie 4, FIN-02150 Espoo, Finland							
ADDITIONAL NAME(S) & ADD	ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☑NO							
 NATURE OF CONVEYANC (Submit herewith only one d 			conjec of came	Accian	ment signed by differ	ent inventore is on		
document)	<u>locument</u> for re	cordation—mattiple	_					
⊠ASSIGNMENT OF	⊠WHOLE	PART INTE			DATE: 1) December			
⊠ORIGINAL		E/PHOTOCOPY	1	2) Dece	ember 3, 1999; and 38	&4) January 4, 200		
CHANGE OF NAME		TRANSLATION	L					
SECURITY EXECUTION DATE(S) ON THE	MERGER		WITH MOTE I	E DATE	S ON DECLARATIO	ΝΑΝΙΟ		
ASSIGNMENT DIFFER SEE ATTY!) 1) December 17, 1999; 2) December 3, 1999; and 3&4) January 4, 2000 4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐YES ☒NO								
4.5 APPL NO.(S) OR PAT NO.	(S), OTHERS	ON ADDITIONAL	SHEET(S) attach	ned?		-		
	(S). OTHERS.	ON ADDITIONAL 1st INVENTOR			YES ⊠NO M#	1st INVENTOR		
			SHEET(S) attach B. PATENT NO]YES ⊠NO			
A. PAT. APP. NO.(S) M# series code/serial no 09/445,808 2651	54	1st INVENTOR if not in item 1	B. PATENT NO	O(S)]YES ⊠NO M#	1st INVENTOR		
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FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:

. Pillsbury Madison & Sutro LLP Intellectual Property Group Ninth Floor, East Tower 1100 New York Avenue, N.W.

Washington, D.C. 20005-3918

s made outside USA executed with or after application Atty. Dkt.

PM 265154

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М#

Client Ref.

NONPROVISIONAL

Name:

ASSIGNMENT OF NONPROVISIONAL APPLICATION

USA Patent Appln.

Sole or Joint

NONPROVISIONAL

and directorighte	d, to wit:		·
INSERT	(1) Ari HOTTINEN	(2) Jorma LILLEBERG
NAME(S) OF	(3) Antti TOSKALA	(4	TT TTOTAL
INVENTOR(S)	(5)		x box if continued on page 2
the receipt and and transfer(s)	sufficiency of which are hereby acknowledged by t unto:	he undersigned who at th	ne request of, hereby sell(s), assign(s)
INSERT	NOKIA NETWORKS OY		
NAME(S) OF	Keilalahdentie 4		
ASSIGNEE(S)	FIN-02150 Espoo		
& ADDRESS(ES	Finland		
•			
any and all divisions	ted "ASSIGNEE") the entire right, title and interest for the United State, continuations, substitutes, and reissues thereof; and all resulting pate	nts, known as	c. 100, in the invention and all applications including
TITLE OF INVENTION	Reception method and receiv	ver	
	for which the undersigned executed an appli	cation for Letters Patents	of the United States of America:
NOTE → →	(A) keep even date herewith		
(Complete	(B) 🔲 on	filed	
(Complete line A, B and/or said ASSIGNEE, for hereinafter act on b	(B) on (C) in U.S. Appln. No. / AND the undersigned hereby authorize(s) and request(s) the Unir its interest as ASSIGNEE, its successors, assigns and legals represented of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any in the undersigned hereby authorize(s) Pillsbury Madison & Sutro L	ntatives; the undersigned agree(s) to papers for ASSIGNEE, its successory transferred.	hat the attorney of record in said application shall ors, assigns and legal representatives, deemed
(Complete line A, B and/or said ASSIGNEE, for hereinafter act on be essential by ASSIGNOTE → for recordation of the	(B) on (C) in U.S. Appln. No. / AND the undersigned hereby authorize(s) and request(s) the Unir its interest as ASSIGNEE, its successors, assigns and legals represented of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any in the undersigned hereby authorize(s) Pillsbury Madison & Sutro L	ted States Commissioner of Patent ntatives; the undersigned agree(s) to papers for ASSIGNEE, its successor by transferred.	hat the attorney of record in said application shall ors, assigns and legal representatives, deemed
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